

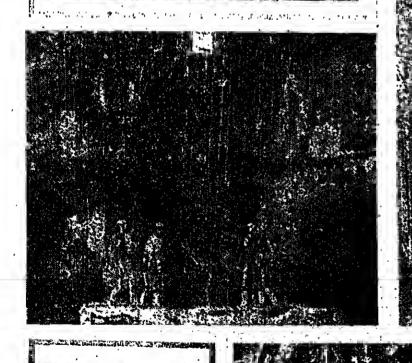


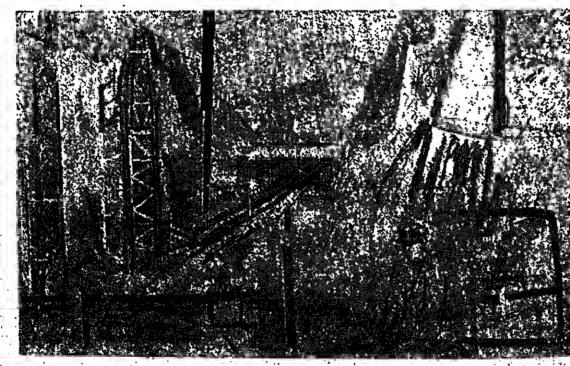
Ramania is loday an immensa building alie, seeing the release of huge energies which have revealed the constructive vecalion of the Romanian people, its creation capacity. This vecalion is majoriolized in foundations meant to last years and years, expressions of the close-knil forces of the winds unition under the bonner of the same keels. The people's work, the capitatization of its oreaftee potential have brought about big changes in the country's landscape, the erection of buildings which have modified the geography of the country in the mamo of her flourishing luture. Those changes and processes have shaped up new people and personalities, talents have asserted themselves, the selectific, technical and artistic erentive genius of the Romanian nation, These recities have been rich sources of inspi-These recities have been rich sources of hisplration for the artists, on enormous treasure of thought and dead on which the costanding

ing in memorable artistic images the tife and work of the Romanian people. The achtevements of these years, are for the Romanian painters, sculpiors and graphic ortists a way of continuously discovering a clear thinking and an effer-vescent sensitivity. The faces of those who have contributed to achieving these objectives, as well as the clear distinct the sensitivity. generic portraits, real emotional documents of Romanian contemporary history.

PAUL ANTIME

Our pholos represent: "Ottentia Shippord" by Viadinte Setran tiop, lottle, "The Urfilge at Vadul Oli" by Al. Cheureneu (top, right), "Rulling Sile" by Gavell Miklossy (centrel, "On the Building Sile of the Danube-Black Sea Canol" (centre, right), "Ship Builders" by Viadinie Soiron ibeliam, tettl. "Constructors" by Serin Chiatili (bottum, right)





ROMANIAN

INFORMATION AND COMMENTARY WEEKLY PUBLISHED BY THE ROMANIAN NEWS AGENCY AGERPRES ...

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UMANIA

ELEVENTH YEAR 5 (514) FEBRUARY 5 16 PAGES - 3 LEI

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COMTIMUOUSLY ASCENDING COURSE

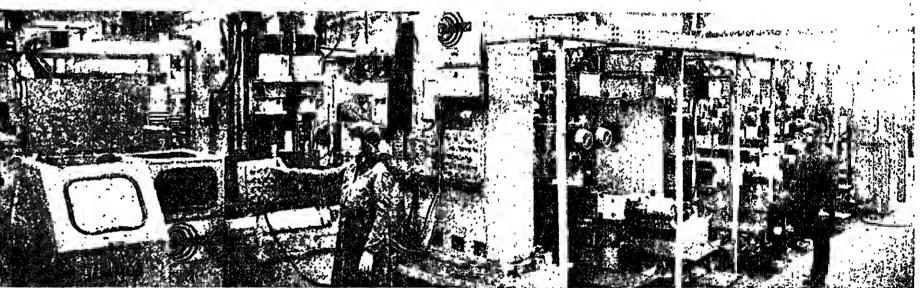
COMMUNIQUE ON THE FULFILMENT OF THE 1987 PLAN

The Exemitive Political Commilies of the CC of the RCP milition of the Investment meetion the Leviling that it is constructed in the RCP meetion of the Investment meetion the Leviling that Investment meetion that Investment meeting that Investment meetin



ROBOTS IN THEIR MATURE

The intensive character of the development of Romantan industry during the angoing stage requires a large-scale introduction of automatinu, robotization and rybernation. The programmes existing in this field litustrate both the results obtained so far and the remarkable presquerts for development in the near fidure. The reportage on page 4, highlights a sector of preuccupations in the present stage and the guitate present stage and the guitatelines of applied and fundamental research.



lional Plan of Romanic's Scote-Economic Development in 1987, which was taler released to the

which was laier released to the press.

The Executive Political Committee appreciates that in 1887, new and important solievements were scored in the country's goodnessment development. Production forces developed continuously and Romania's ecocomic polential was streaglikened. Industry registered new progresses, on the way to its international market. According to the communique, the value of the morketable industrial production was in 1887, 45 percent bigger than in 1888, while the net industrial production was in 1887, 45 percent bigger than in 1888, while

ent bigger lass in 1981, 42 percent bigger. The whole production increase was; object through the inforesse by 48 percent of latency although weather outlines were not too favourable, good results were obtained. In the context mention should be made of the facility and production in the context mention should be made of the facility and obtained. In the context mention should be made of the facility and production in the country's history was obtained. The value of the overall agricultural output frew by 2.3 percent while the value of the net agricultural culput by 3 percent as compared to the previous year.

The solivity of solentific research, technological development and alro action of lochnical progress made a substantial contribution to ensuring the latencies economic growth, cohecing labour productivity and scenenic officiency, in 1887, byer 2,850 new and updated lyper of machines, apporatus and latencies were assisted in production and 1,778 and the memory of tochnologico.

HOW DOES ONE LEARN TO PRACTICE AGRICULTURE

According to rules issued in September.

1821 the aim of the Agronomic Institute in Bucharest was "to provide superior training in the field of agronomical sciences and to contribute in the set enemy of problems concerning the country's agriculture. Thenim is still the same today. But the present conditions of the Romanion agricultural higher educations of the sindents and agricultural higher educations of the sindents and some results coured by researchers working there are not forth.

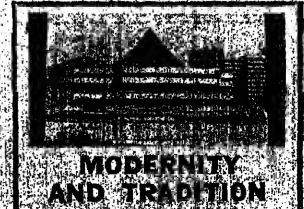


Blidla Navodarii the Dova —
Brad railway line, During the same yoar, over 10,000 housing units were completed all over the committy, while in Bnisbareas large-scale urban development werks were carried through in dew scollen of the authorstround, the odisplex development of the Dimbuvita river, govern underpassas.

The communitant reveals that in 1887 Ramanis hold economic and cooperation relationships with 1887 Ramanis hold economic and cooperation relationships with 188 states 2 no export velumo grew 8.7 per unit in the conditions of bettering the situature by increasing the abire of highly processed spods.

The foreign trade activity led to a hord currency trade attention delians, which helped to may a significant amount of this coun-

THE MYSTERIES OF AN ANCIENT CITY (PAGE 11)



The efficiel Isunching of the velume lonk place to Tokyo during n festivity.

TUNSIA

A book was brought out in the capital of Tunisia Ramenia's President Nicoloo Ceaugestu. An

Eminent Contribution to the Definition of New International

Economic Order.
Tho book, put onl by the Spartacus publishers, galliers excerpted roports, opecules and interviews of the flamman hred of alete relevant for his ideas and artions on a major lacus of our time.

In the prefere to the book, its

taguo of our time.

In the preface to the benk, its suther, writer Musiafa Fersi, says that he visited Romanis "e country that takes big siridos on the path of the most advanced lechnology and whose principal development indicators faithfully show the many-sided, continuing and harmonions progress of the entire scalety" and that Frasidout Nicolae Ceanseseu's Idras on co-channelling the huge sums

co-channelling the huge sums one spent on emiling to creat providing for the people's wel-fare made a strong impression

faro made a strong impression on him.

The need for a new intermitional economic order, alresses the sulfice is "the ringing chilibal President Nicolac Ceausage — a political leader who enjoys bread international audience and oredibility — misses on apportunity to moke, giving the intercetional community a clear, visble, casponsible and comforting option of this critical and confreddeloxy time". He underaceres the Remanian head of sieic's contribution to the effort for the ceadication of underdevelopment, the building of is

EXPRESSIONS OF THE PRESTIGE ENJOYED BY ROMANIA'S PRESIDENT to like greel obelemporery pro-blems are gathered in chapters under algnificant illies: "The Right to Peace, the Right lo Life", "To the Name of Rea-son", "Burope — the Top Prio-rky", "A World Free of Wea-pons sod Wars", "Disarmemeel — A Fundemental Condition of Development".

nia's president was put out in Italy, coilled Preout in Italy, collided Prealdent Conusescu's Socialism.
The book is authored by Uge
Ragozzies. It presents Remade
as a "Lefin, European, acciellat
country", "siected is the heat of
the fights for opirituel life and
for physical enrylval", the
author writes, "this Laifnity is
rolterated today to the philocophic thinking and political retions of its firel citizen and
president — Nicolas Coausescu".
The first two cheptors of the
book present the erigina and book present the origina and social development of the Remenian people, us well es ite-manta's parficipellas in the on-ti-Hille-'e wac, end her impertent millinry and economic cen-iribulian to the victory of \$15 on filter's Gerounny.

The chepter "Homenian Se-clation i Willi the People and For the People", as well as o-For the People", as well as officer chapters present the humanistic conception of President Nicolas Cennyosen about the major internet, pultifost, economic and social issues. According is the conception of the tionienien president, the enthocy writes, escalism resis processly mon the indiscolubic link boliweon overy purson's necompilaliment and the general wolfars of the solicetivity, the palitical connection between individual el freedom enil the freedom of the whole neflon.

Men's fundamental rights according to Preshient Nicolao Ceaugeson's political onlicok—
the bank si 's — ere the cight to core ene's living by work, to dicectly participate in cuming vacious accors of celivity, ignake the colount decisions ariong with the others.

"The new conseption obest sector and moral justice — nre-verling in Romenia — gives pride of place to man as the decisive fasion of all economic changes, of hullding a civilization of the consequence of ion celying opon equality",

The book produces oumerous The book produces ounerous dota end figures pointing to the eleady improvement on an organizational and functional places of the Romanion cocialist clate in him total two decades. Stress is clae laid on the eignificaces of the cooceptico chout the need to create n peworful nationed industry, as a requisite of cocomic progress, as well as for developing selas well as for developing sei-ence and technology, education of all grades, all these leading to Romonia's transformation in-to, on industrial-agreriae state with a powerful lodosity ond modeco agriculture.

"Romenia in 2980", cmphosizee lue directiona to he laken lo the promotion of the country's progress in the last decada of libis century and miliconium that ceates in a more marked omphasin oo the continuor foots of activity in oil douelns of commia and sociot life, the apcoded up growth of fabour productivity ond general connections. productivity ond general ocono-miq officiency in all occlors, the opplication fo praduction of the utest advanced gafus of modero seience and lechnology. In this frame the sulface em-phasizes the fact that, occord-

ing io President Nicolao Ceansescu, for the successful fulliment of the fargets esta-bilshed, the lundemosiat and decisive role of every country's awn efforts, of the mobilization of the awa resources, of its own awn efforts, of the mobilization of its own resources, of its own possibilities, equally important bolog also ibo expansion and diversification of the foreign e-conomic relations, the aconomic, lechnological and eclentific collaboration with all states.

collaboration with all states.

The chapter on Romonia's foreigo policy presents the major directions on which Romanio, President Nicolae Ceauseeu "have choonelled iboir erealive force, their intante diplamatic offeri, and bigh responsibility for maskind's desiloy"— disermament, nuclear above oil, peece, security and cooperciten le Europe and ell over the world, lite premotion of negoticions—the only realistic end durable medality of settling disputes, the affirminition of real democrety in the approach, debale cod celliencell of the issues, the calabilishment of a new world economic order. Rement, the author ciresses, vigerously works for the defence of the primerdial right of peeple, of netions the right to lite, it peeces".

As for disermament, ourlose obove all, the author stresses obove all, the author stresses that aince over 20 years, sterling from the rentities of contemporary world, Ramania's president has worked personally for the halting of the erms race, far the reduction of the nuclear weapons down to the lowest level, for the surfailment at milliery budgels, giving a conferendum of Nevember 1986, in which the Romanian people expressed its accord with the fivo-pec cent ceduction, in weapons, iroots and milliery expenditures of the country, calling olse other states, and peoples to take its exemple,

lis exemple. Romania, the outher stresses, le a very toleresting example, both by its position — coalruy both by its position — coalrary to the contemporary world's division into opposed bloos and is the policy of alrength — and by its present-day achievements, for the accumulation of original historicel experiences, that makes the root and foundation of the current homenten policy, both on an internet plane and to relation to other states.

KUWAIT

The book "President Nicolae Ceausescu of Romania, Initiatives Toward the Peaceful Settlement of the Arab-Isroell Conflict", by writer end publicles Itanhim Shemmas, director of the "KU-WAIT TIMES" delly, was pulout in Kpwnit.

The aether assesses to the foreword that the profound information over the profound information of the Arab people in the people between the Dacube and the Carpathiene, in the thinking and action of its loader and atcesses that the people in Kuwelt ovince over greater loterest in Romania's original structures to the first realizable. oni experieoce lo lis fasi secto-

The firm position and demar-ches of Romenia, of President Nicolao Ceauscau for the oca-borul settlement of the Middle

East conflict, bighlights Ibrehim Shammas, organically integrating in the roalistic, scionific conreplice of the RCP and
Romanian state leader on the
organization of world peece
through the siciet observence
of the corms of law to interstete relations, through disarmannoni, ouclear disarmement
chove all, through the political
solitement of all disputes and
conflicts and the celebilehment
of n new world communication
A first obspice in the book is
devoted to the bilateral Romanian-Kuwalit rolations, to the

devoted to blo blataral Romanian-Kuwalit rolations, to the Romanian-Arah lloks of friondahlp ond solidarity. It is alressed that thacks to the summil dialogue sleadily promoted by President Nicolee Cecusescu, to Romanie's foreign policy of wide opening, to the two countries' growing economia polonilai, the Remeuten-Kuwalii bilateral reletions heve permaconly grown. Emphasis is else placed on the long traditions and on the sleady development of the mutality advaols geoms reletions of friendship and colleboration between Romania and other Arab countries.

Another rhapter features the fundamental coordinates of Recuanie's internationel octivity,

oranie's iniernalionel ocityli: Presideni Nicolae Ceansesco's rolo in the eleberation one manian foreign policy ateodily directed toward the noble goals of detenic, collaboration and peace ninong peoples.

A distinct chapter covers President Nicolao Coausescu's conception aliant the neressity of refreiting the old noticy reliving upon circulth and interference in other accepts in the observance of the norms of law and toternational legality, by positional, peaceful uchade, dielogue and negotiations for its occitionaco of the centilets and disputes to existence or that might omerge existence or that might omergo

The largest chepter in the book prescots the keewn poetlies of Remaula, of President Nicolae Ceauseson regarding the neoceful settlemeet of the Middle East confilet. President Nicelae Ceauseau — the hook shawa — is the author of an origicel, realisite, solentific, wide-out beauty and means of colling the Middle East confilet, a conception firmty and aleadity lait copiloo firmiy aod aleadiy lali al the foundation of all Roma-nian demerches nod initiatives in this cosperi.

Emphasis is placed on the most important informalional role of Romania, of President Nicolon Cocuseacu in pointing to the dongerous outure of the holined of lensice to the Middle East. In the pecaevering urgics of all periors to moderation and reason and in emphasizing the impocative demond of giving up the alrength cod war. Rome-ole's pesition is highlighted, regarding the necessity of actiling the Arab-laracil coefficies occupied after the torritories occupied. Liter the torritories occupied. Liter the 1887 way, le the recognition of the right to existence of all elales in the region and the materialization of the Paleaticleo propie's legilimate rights, lo-cluding his right to indepen-dent statchood.

Reviewed aco also the coo-Reviewed acc also the coo-siructive pastiloo, demarches and persovering initialives (a-kou clong the yours by Romocia, by the Romanion heed of citto personally, on a bilateral acci-multistical plane alike, and also within summif ceptacis, for the actionent of the Arab-Is-raeli conflict.

He also strossed that Romaula and her leader had a groundbreaking telo to inunching the
lides of calling an informational
peace confluence on the Middle
East, confluence of the region,
the establishment of a global,
lost and furgist peace. Likewise, the book shows that to
harmony with her principled
and constructive foreign policy,
Romanta has tirally declared
for the peaceful sattlement of
the conflict in Lebanton — based
on siriot observance of about on siriot observance of the

country's indopendence, sevo-reignly, learlieriet letegrily and uoity, and for the political, no-golialed settlement of the con-filet between Iran and Irak, in the interests of the respective peoples, of ciability and peaus to the region and the world

io lhe rogico and the world over.

Laiest developments in the Middle Easl, and even on a wider plane — It is shawe in cocclusion — have domensirated the profouedly realistic charocter and electrical coccessou's easterneed. He has repeatedly siressed that the disputed issues and abofilets cancel to sottled by imposing positions of atrength, but by eageilations.

JAPAN

The hoak Peace Initintives of Romanic, of President Nicolae Ceauseccu wes hrought nut by Kohnshn publiching house in Tokyo. The more than 300 peges of the volume gather extensive excerpts from the RCP and Romaulan cieta locder's speeches and wrilings on the questions of internetianal peace and capped. internelianal peece and caopo-ration, on finding the oracleof ways and means for an efficient actification of the great problems confronting the contemporary world. world.
The profess of the valume,

The profess of the valume, signed by Oseanu Inaha, menther of the House of Representatives of the Japanese Diol, Prosident of the Pacilamentacy Lengue of Romanton-Japanese Felenship, emphasizes the allombracing, solselfilm and innavalive character, the professors and recision of the foreign policy Romandace President Nicolae Coousees has cluberated and penmoled. President Nicolae Ceausessu wacks for o cow policy in peece- and warrelated questions, Osanu Ioaha underscores, The hoperalive of related quosilons, Osamu Ioaba underscores. The hoperalive of o ow, more deriog revolutionary polloy in the celllemont of the world problems is one of the fundamental ideas, of the Ceauseou decicine, the cultion of the profess virios, ahowing that it starts from the idea inal the present international problems can not must be solved in a cew way, and the force obte to change the course of the evocis, to hull a world of justice, freedom and independence to only the unity of nil peoples. The prefece also underscores the apeciety value of President Micelae Coursesou's concept according to which "cool souncily can be echieved only hy root nucleer discremence".

The active contribution to the ensurance of world peace is one

for the ecadication of underdevelopment, the building of a new international eronomic order, the circumstance of the soliderity and unity of acides of the developing countries for disacramont, peace and justice internationally.

Proceeding Nicolae Ceausesoo's conception of the ceve international order, \$25, Musiafo Ferel, is no open, chjective critical enalysis of the present-day world and the conception of the present-day world and the presont-day world and the co-rollary ora concrete measures for auhstaolive sollens on beib. nalional end loternalional planes.

The nuthor bighlights that the Provident of Remanda related the Provident of Remanda related the world economic issues, to underdevelopment and the hull-ding of a new international conomic order, and peints to their ever closer interdependence, that he relates substantial military spouding onts and the call days of the conomic and the call days open an

The active contribution to the ensurance of world peace is one of the most important tergels of Rumenie'n foreign policy, of the informational octivity encled out by President Nicolae Coouseers, the preface further shows. This target is based on the heliof, substacticled by the occiemporary cealkies, that peace can be ochieved only by the struggle of all peoples olesely uoiled, by the cooribulton of all aloles, including the amail—and medium-alsed coes.

The active contribution to the encurance of world peace is one of the most important targets The active contribution to the encuence of world peace is one of the most impectant targets of Romania's foreign policy, of the iniconditions activity carrido out by Tresitioni Nicetae Cesusoscu, the preface forther abows. This target is haved on the belief, substantiated by the contemperary realities, that peace cae he solicy outled, the first peoples of oil peoples closely outled, by the contribution of all cities, including the small and medium-class costs, the mall and medium-class costs. At the end of the proface, its number expresses his belief that the volume put out in Japan will contribute to a belief knowings of Fresides Niceles and practical notions firmly devoted to the mobile ideals of understanding and peace among peoples; the property volume is a telling proof of the fact that Romania, through its reclinite proposeds, works for most constitutive volphons.

The instance Cesusoscopie, injections, stolements, injections, and oling readilating related

od in oight chaptora, from President Nicolae Ceausecou's work makes on nnalysis of ood gives an enswer to highly important problems related to the new interesting of the name of the name of its own paths of development in accordant with the fundameetal interesting each country's own offert and fundameetal, decisive elements of its accidence on the development in accident in the constraint of the development of the interesting on the owners in accident in accident in the relational size is also blaced on the relational interesting of the present the man problems of the present the more than 200 pages in the bibliography.

A chapter refers to home the velocity of the order than 200 pages in the bibliography.

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On the official roleine of the volume a feetivity was been the Toniesea Writers United

del devolopmoni.

The according of loxis, gallered od in eight chapters, from Pre-



The offer of the Pilesii Electric Molors Enterprise bas increased with oine types at molars for 1083. Presented of severel international fairs, the naw productions onjoyed fevourable approciations both from the fredifianel perfences and from representatives at other firms, which were desirous to purchese them. As a mailing at the total number of the Pilesii Electric Molors Enterprise with firous from abreed for the year 1983. In the future, the specialists of the plant will be engaged it inclivities having in view the enrichment at the praduction of new types at molors designed by the research workshops on the customers' demand. Alongside the enrichment of the process this yeer a daring progremme for the mudernization of the fabricollen process. B. CONTROL OF THE ASSESSMENTANCE WAS THE PROPERTY OF THE PROPERTY OF

Lest year, 50 new wolks wore drilled at the Sandre offfirid. Also thore, 02 old wells were put back on sirenni, feliciving espilal copeirs. Analher 42 der-risks were shifted to deep

Romanian oliworkors beve drecoudod from Romania's iraditions! olifield
his around the hitts around the Prehove Valley — lo like Baragan Pinin where lito Bärägan Pinin where likey identified substantial hydrocarban reserves. Recently, an all derrick was cumulschaet noir fleans eaumauc. Calarasi oounly. It is the first unit of the programme stipulating the drilling of 13 wells in the area, over 1988—1989.

At Ciefani oliticid in Olurgiu couniy, Balana area, ihe

A number of 27 pld oil wolls, which had beased producing

courses by some 141 tons
of roude e day. The posalhility of putting into
porretion other wells too,
which hove been regardted as depicted, is also
being considered.

CONSTRUCTORS' PRIORITIES

The general enterprise trust far industrial renstructions of Brs50v lest year completed 33 lorge commute units. At present, the priority objectives of the trust staffed by 1,000 constructors, technicians and engineers include as a priority the coal-fuelled electric and thermal power station in Brs50v manicipality. The assembly of the first energy unit has been combused and in the fattewing days the instellation is to undergo technicalism works are in an advanced stage of campletion at the from works as Vinhita. The praject inclinits the replacement of certain technicales so that the works may assimilate metallurgical products competitive an the world market.

During the first truncster of this year, the Brs50 trust undertakes to finalize two large famility scribing, our at the mechanical enterprise at Gheorghent, the other at the Bulanta enterprise of Shim.

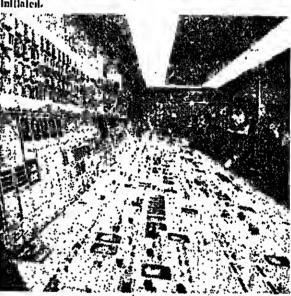
In various stages af compilian are also other large in-

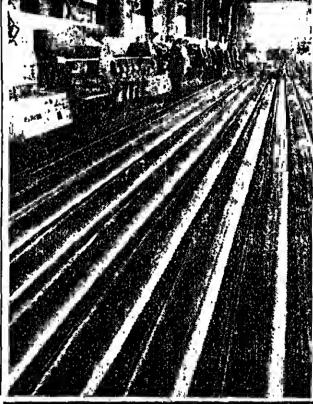
crindo recevery degree has ecached 43 per critical to top the condition of the condition of

lor several years, have been put hile operation agein to the Bralla oll field.

As a result, the output of the Bratis citied, la-raird to the east of the Romenian Flain, has in-troused by some 141 tens

Butanta enterprise of Sibin,
In various stages at compirion are also other large industrial units. Mentionwarthy is the fact that a vast programme of introducing new, highly efficient satultons and
technical procedures has been worked and. Thus, manufacturing forms are to be sharlened, the degree of industrializing constructions and the quality of mounting and
installation works are to grow. Concomitantly, new forms
of immaring all works, welestered to be the forms of improving all works' professional fraining have been





THE TOUR OF THE **WORLD WITH** THIN PIPES

Al the fastilute of Terbnological Englucering and Design far Rolling Mili Planis and Workshops hCEPROLAMI in Hucharesi, work is earried on for thu work is earried on for the elaboration of daramentation too the new enterprise of cold-ifrawn pipes which is now hullt in Timbyona. The enterprisa will produce small-diameter pipes. The amount 80 million m, enough to successful the carth two lines at the enterprise. The metal consumption estimates metal consumption estimated for a year's output will not execut 25,000 tuns. All thu technological processes end the equipment and units of the new enterprise will be designed in Homania.

In the inferoproduction Ia-boraturies of ICEPROLAM, an automated altrasound non-destructive control for the steel pipes has been de-signed and produced.

During 1935, ICEPROLAM ciabacuted 3,000 ilesigns for the fubrication or moderatzailon of f21 melallurgical projects.

fo eur phelo - an image from the deliling pipes workshap at I.M.G.B., whose feebnulogy was designed by

700 MW NUCLEAR GIANT

The first 750 Mw power generaling unit has been assimilated and put finio production at the Bookarost Heavy Machico Enloyprice (Machico II is one of the first major objectives of the Romanian nuclear programme, destined for the nuclear power plant now being built at Certainty, the mapufactors of such a complex installation is only possible to colorprises which houst not color modoco equipment but also highly compaled working collectives. It should be mentioned that a 330 Mw lurbing was made at MGB as early at 1973. Subsequently the rappe of jurbogenerators was diversified, and that now 150 typus of power generators was made at the rappe of jurbogenerators was diversified. ing units no built here, among which beloation eyels has been reduced by some referred turbines of 1.5. 2, 3, 4, 5, 18, 50, 150, 148 days (four-firs months), while the and 338 May virtually the whole grands suil's high quality has been preserved.

of powers nocessary to thermoelectric power stations. The difficulties of building these installations will be before needed from a presentation of the 330 Mw tochine. Fifteen such turbless have been made at tMGB so far. Such a tank feed made at the so far. Such a tank feed mechanical processing of the thoosaods of components. The turbles will have to resist to pressures of 1-40 atm and temporatures of 550°C, white they operate of 3,000 rpm. The generator's starter weight 220 tems but the weeking ascuracy is of the order of micross. The Lahridation eyele of such a turbine spans 36° monitors. During the 15 years since; MGB started manufacturing 330 Mew furbites, the fatherloading eyele has been reduced by some



MODAROM

In 10 years. the population of Bolovani city trebled, And still, the population been was outrue by the pac of heusing construction. In the old-time towntel loday, a medere muolcipality - 29,000 apariments were buill. A shopping octwork moding the needs of the iphabitants wer crosted. A supermarkel and the Mode rom fashlen bouse (in the nearby photo) have recepits been added.



ROMANIAN NEWS

ROMANIAN

RCMANIAN

cont from page 1

try'o foreign debt.

A cliapter of the community perfure to the improvement of the population's flying slanderd on the newtons income by 4.5 percent. As a consequence a rise was registered in the nomical remuneration of the working personnel, the nominal revonees of the persontry and the n verage pension of social assis-tance while the indicator show-

ing the evolution of prices and in iffe was below the targetrod one. In the same chapter, the document refers to the results one in the same chapter, the destinons refers to the resulter scotted in the fold of education, culture and heatly exerc.

The schlovement subjetued in 1861 are a sulf basis for Remarkle's high-rate succeedings to see development during this year, at the same time highlighlies the righteness and cellent of the Romanday party and see. of the Romanian party and alo le policy.

Nowhere in the world has anyone yet | sibly the accuracy, quality and productivity created completely self-contained robots. of work. The intensive character of the de-Their enticing presence is now a subject highly speculated on by science fiction literature and movies. However they have onticipoted the odvent of reol industriol robots endowed with oscending levels of capobility, oble to substitute for the physical effort, the monotonous work of scores of

velopment of Romonian industry during the ongoing stage requires the wide-scale introduction of outomation, robotization and cybernation. The programmes adopted to this end illustrate both the achievements scored so far and the extraordinary prospeople. To use them means to improve vi- pects for development in the near future.

onletprise in Buchareol display-od two flexible coils provided with robots, and the RtP 0.3 re-bols as part of applications at

continuous welding. The exhibits proused the interest of specionsis, of home and foreign partners. As a matter of feet Automatica beined IMU Bacdu to mennt a flexible line manufacturing drums for the MEGU firm in Leipzig. One year of full operalian proved to the ponetiotories that the Romanian flexible line menaged to ment at resultermoule.

On a January morning I had

On a January morning I had the opportunity to watch the tests undergone at Autometica by a new flexible line designed for the electrolechnical indector; a new modular system manufacture of the statement of the

iry: a new modular system mounting electrotechnical plugs. Completed with other modules, the equipment can be used to mount other cobassemblies, lou. For the time belog the new line mounts one plug in. 60 seconda but I was teld that it can perform the coording in loss than three occouds. Made up of three

ihreo occouds. Made up of threa cells, the reloi Itia a relatively small space, replacing a windo assembly line. During the tests several specialista and workers of the enterprise stood by the line. The lost corrections were made to the coorations, No mo moved a floger. The program was flupily oct up. All it took was a push belien. The robotal moves succeeded each other with porteel accuracy.

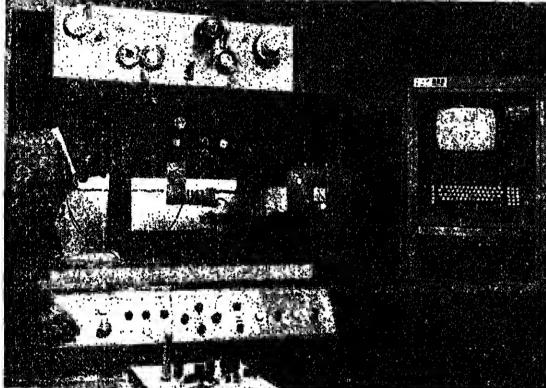
On another day I wilnessed u

On another day I wilnessed u discussion between engineer Dan Cosmin and a dulgration from the fildreingeanted enterprise of Brasov, which acticited a robot abto to mount jurho-

The modernization of technologies and the boording of isbour produclivity is depocially possible today thanks to the
application of industrial
rabois in the production
process. On this pagepictures from ICSIT IIlan, Metalles Grades and
Electropolor Timboars,

of the rebots which have alreedy been assimilated — RIP 6.3. Bul, naturally, redecigned for the new ineks, Sparing of words,

engineer Den Cosmin however admitted to the existence of a degree of uniqueness in overy line and every oquiomout. It can be said that lhanks to the injensive domands for mederalaslien made by many coterpri-as, uniquoces has accome port and parcol of life delly oclivity of the Automatica specialists.



MEETING THE FUTURE

I tooked for deletical informa-tion cooperating the qualification of technical staff working in-this fascinating field at the Po-lylechnia institute of Bucharest. lylechnia institute of Bucharest. The most daring researches ore corried out at the Autometion Faculty the first to have introduced a course on control systems for industrial rehely, years ego. The research coordinator. Teodor Borangiu, D.oug. fold us chout the recent achievements of the leaching staff in the field of industrial reboiles. "In the beginning of the like to "In the beginning I'd like to mention our preoccupetions in the educational field. The di-ductio minirebot RIP 0.2 with six degrees of freedom, equipp-ed with a control system based

ed with paris integrally made in Romania is occessible from the point of view of cost end infers numerous [solilities as ils ienguages can be programmed at a high degree, This robul hat onother advantage — it occeds o personal computer also mede in the country — If C 85. The minirobot can be used for odd-oatloost purposes in schools end high echools, technical education institutes, and elso in training the lectures implementation in industry." Our interlocutor referred to oo emple action of preparing the technical personnel in Bucharest enterprises, a treining programme sponsorally the Automation Faculty, lold us about the fundamental research in the field of industrial research. in the field of industriel robotics. "We ere precocupied especlaify by achieving advanced
conircl systems for industrial
robots, introducing robots in
flowing times and cetts by the
achievement of control straigegies for robots equipped with a
cortain degree of intelligence
fike the opatial-temporal actortation in a given work cuvironment."

ronmont."

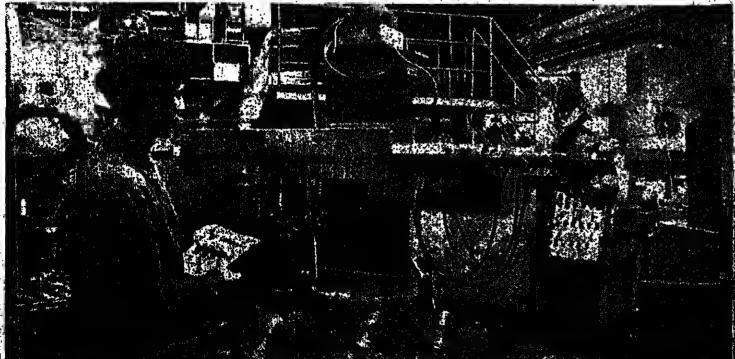
We should also add that the important results accord until now ere a guerantee of efficient oction to be taken in futers. Robots are a really of Romanien industry.

QUALITATIVE CHANGES

An amois research programmo has been worked out by ICSIT Bucharest. Many colerprises in Bucharest and clowheen in Romania bave already boneflited by floxible lines and robots assimilated by lits research institute. Two researchers, englocers Mibail Popovered Polymers, Previous Ind.

on autonomoco working regimo of robots from tour lo eight hours, with the possibility of expending ff up to 18 bours, or the achievement of typified reboere are all high or the agenda. The two specialists mentioned that the whole negatiment making up the floxible lines, the rebots and robocars to manufactured in Romania. My interiorulors onlined the perapeolive of their oresent concerns. The flexible lines, the rebots are only the flext clage of introduction in the vast field of

industriel reactions. Engineer Petroniu Brezienu told me about too construction of a flexible workehoe schoduled to come into operation by the end of ibls free-year plan period, anticolpating, probably, flexible tactories. And what he said to me was no fleillieus stery but the vision of a researcher working vision of a researcher working in a high-tech field. The floxihie line, workshop and factory prozuppose qualitativo chouses



and Polroniu Brezianu jold mo chaul their current concorns to the tield of industrial rebelles. The olaborollon of cells and flexible lines at the heneficiarise requests, the ensurance of

in ensuring a highly trained labour force.

nien industry.
MARILENA TUTILĀ

HOW DOES ONE LEARN PRACTICE AGRICULTURE?

nt say bean with barvest lucrements of 12—16 our cont hove
hoon obtained over the last
years by teams of researchers
of the Agronomic fasilints in
Bucharesi. Besides universily
cleff, these leams included also
many atodemis.

Upon the foundation of this
halitate the Regulations isaged
by the Monitorul Officiel no 442

Ihomes or cosed for study is made by student adentifie chroiss. The Agronoolo fortifuto in Bucharest comprises 68 such circles engulting more than 1,000 students. Researches are corried out for instance to the effect of ceaching the optimum combinetions and doses of chemical fertilizors as well as the outlods of apotication for harvesting the largest possible coreal crops,



of September 15, 1921, slipulated that "the aim of the school of Herdsiran is to provide higher treining in the field of sgrane-micel sciences and to contribute to the settlemoot of questions concerning the contexts agriculture. concerning the conciry's agri-cutture".

Agronomio siudents confinuo o observo this basio requiro-

For ibe 1987-1668 sendemic year the institute has ontered almost 200 resoarch contract worth 20 million let. An important contribution to sciving the the improvement of rates thisined per hectare through a coroefficient rotation of croos;
drugs are olicically obeolod
while potentially new ones are
achielly worked out here; greenhouse ornamental clanis are
mutilofied through croos, etc.
Atention chould no made of
the fact their the Bucharest insitule offers its students excelicel coeditions for study, resoards, and, in general, for e
wonderful student life.
Sited in one of the elegant

centre.
Modern buildings iurnished with oil oossibia equioment and iacilities eemprise 179 lecture rooms oud laborefories. The same perimeter lociudes aix healels housing 1,700 of lite 1,850 students of lite lastilute. Also here litere ere canteens, a stadium, a sludent oinh, a mutilourpose hell. The library contains a slock of accolated hooks amounting to half a million ecoles. More then 70 oer cent of the cludents beoeff from etale echotoships.

One of the "emenities" which coe oise define in condition of the Romenian agrenomic cudent is lite Didnetto Experimental Station or volted with ell necessary forming equipment, oo animal form from the condition of a conditions of the condition of a conditions of the condition of a condition of the con

GIL SERBAN I



The executs of the Popauli Research and Production Station in Notesaul county have daveloped, stabilized and multiplied in new Carach-type shoop breed. This value of this breed consists in the branty at the newborn lamb skins. Apart from the classic black and light grey, four adder calour vectors is never the products back and light grey. four other colour vortants have been obtained at Popul bruwn, dark groy, pink end

white.
The Caracul of Rotusaul lumb skins promise therefore to focum on presilgious presence at the unsfer for auctions. They are distinguished by the strength of the chromogenic

pigments, the classicity, tight-ness and uniformity of the curl, their vetvely tauch and gluss. With an tallial number of 700,000 head, Romants & the second largest ornducer of Ca-racul skins in Europe after the 11591 to took the autical exe-USSR. In fact the earliest systematic concerns with occlinatizing and improving this breed were recorded in Romania, probably at the end of fast century. bably at the end of fast century, for 1016 sheen and rame we're brought ngain from flukhara, Caracul rams were for the first lime crossed with sheen from the forat Turcana breen at the Popauli research station in the north of Muldovn. The just

Cunsequently, neer the last 10 years the fleestack of the siniten has grown from 3,000 to 13,000 head, which has also stepped up the method that also head, which has also stepped up the neitheathen rates. From held, for all the steel on different exterior exterior and there is a colour recrease sefected and themse in inspired handling of gene, carrying chrowing of gone of the Carardius elements of colour of the Carardius Poudult were obtained; black, light grey, howen, dark grey, plak and while, the colour has several luces; black black, larred black, black light grey, nearled light grey, mother-of-peert fight grey, silvery



QUADRUPLET

At the Magurela form of the Rostoril de Vode SAE, the cow humbered 8584 colved quadruplets at the and at the males and develop normally. The mother is all the Holafeln Friese's breed, a third-genorettan descendant of a cow born in Denmark and brought to Romanial in 1978. The she-coll No. 1948. seminated by the bull No. 1994B from Saminst, Buchnrest, Note-worthy is that ni the Magurani form, cews are bred in pure brueds. At prosent, the stobles of the form number 911 haed, of which \$54 are adult cows and the rest are dank cows and the reproduction. The average wilk production abtained fast rear was of \$500 lives for each cow,



elgoificant impact of vams from the UBSR occurred in 1963.
Native to the droughty, but Uzbekistan steppa with its poor vesotation, the Caracut beend did not seem to have found the most favourable ofmatic conditions at Populif. The weather is colder an more humble here, But Caracut faund here, the his is colder an more humid here, Het Caracul faim heavile her at subpersi of his people hold researchers and the shoep breeders in the region. They, dopted are in the region They, dopted are in the region They about with few but beautiful lambs. That accounts for the fact that most Caracult these precisely in those and counts in the north of Moldova. Certainly to was no impried this to creat with the pot the Turcantion to cook which regulied in the president with the pot the Turcanti breed with the pot me further in president of a new genety be. The latter displays the count beauty of the pot of the Berly, but is alter displays the count beauty of the pot of the breeding to well her considered in the production that he well has considered in the production that he work of integrating and contained and press need a wide special and integrating and contained accounts of the potential positions and pressure accounts.

groy, golden grey, ole. One may after each tamb is born a perilloate is issued earthe guality of fibre, the amooth-the quality of fibre, the amooth-ness of fur and the stre of the akir. Plentians are also made opaceuring the body constitu-tion and shape, Only a compativ-live spore allows for a famb to ilon and shape Goly a compatiily spore allows for a family is
remain in the breeding stock.
Now researchers are concerned
with obtaining higger fambs, divursifying colours by genetic
recombination, despening hisdepution in ower, etc.
The influence gone of the
Pophati station covers five
counties: last Nesmi, Bothwini,
Bucky and Superys. Il provides
animal bracdors of this area
with damp 160 rams insted yeariy, and 25,000 doans of Irozon
senion.

According to estimations: 80
intromate of Bothwani countyte
shock of 902,000 shoop are hallbreeds of various degrees. of
faracot of Pophatic Station last
year young ower have been deinverse, first of all in compact
invited, first of all in compact
invited. The formal compact
invited of soon invited by
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The Bucharesi-based Roacarch Insiliule for Podology and Agrochemicity has
essimilefed a package of
sludy ihames as pari of the
Danube Dalia complex dovelopment programme. Residec reclogicel, hydrotogical,
hydrogeological end geemorphical researches, the
pedological researches paroun the sciantific substoulictico of the purposes solesse of the land rectaimed
for ogriculture. The sludios
start from the knowledge of
the ovolution nodergene by
various londs and solla in

various londs and solla in

One of the salient features

avironmental volue of the

nelitulo in Bucharosi, il was established that the weslorn (river) part of the Bolla uadergoos a conlinu-

ho Dauubo Dello.

150,000 radio receivers of the Nostnigic acries maoulectored by Electronica Enterprise of Buchareat with hasold thin year an the US market. The Enterprise hasalso started manufacturing two new types of pertablety sets with diagonals of 31 and 41 on reapectively. The
first 1,000 ploces were sent in Jonuary to firms in Peru.
Thanks to their performance, the new types of ty sets
carrying the Electronica Iradomark have been requested
by partners of the firm from Portugol, Great Britain,
West Gormany, Yugoolavia, Czechoslovakia cod Hungary.

"ELECTRONICA" OVERSEAS



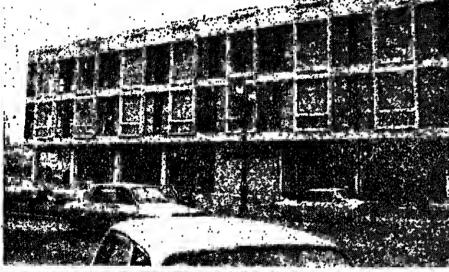
CONSTRUCTION AGENDA-

A residential district pionucd to comprise 1,500 appartments is being hull, in the small town of Lutding (21,000 inhabilants). In Blures county. The first three- and four-room. Ameriments were dailyer-ed during January, The Industrial and urbanistic development of Ludus over the last years imposover the last years toposed the esustruction of a
water plant. It offers a
sufficiently targe dischargo abte to meet bolb progo abte to meet bolb prowhich will probably bo
required over the next quarter of a contury,

re built fin Gslatt fin January. They far indeed to the 23,003 creeded over the fast lwonty years. In fact over. 78 per cent af Calair population dwell in new

Coiusca commo u Octogram county)
has opened a new
cultural house, a beaugful edifico with a 500seat auditorum, a torga;
aiage and many othor atage and many other anoces for culturat and artistic activities,

The lown of Tan
until like youngest urbid locally in
lalousite county, has been enclothed with more than
1,500 flats, madern chapping areas und workahops providing a wide
range of sevvices far the
booutetten, folinging the population, foliaving levelopment of the baginning at Junuary biorcover, a phormacy, i bookshop, a greengrocer; and a confectionery bays been opened.



CENTRE

In the new urban landscape of Bucharasi city the
Avialici district holds a special place, ibanks first of alito ibo archiloclurat atylo of
ihe new hpusing noils, most
of which are unique, as well
as lotte presence in the vi-

of which are unique, as woll as to its presence in foo violity at large takes and green spote.

The Aviolici district, one of the newest residential aroas in Buoherest, benefits by a larger number at cammarcial units and services as well as by aocial and entural establishments. Reconfly, a large market has been added to them. Several buildings cover 18,000 sq.m of commercial drea. Two buildings are reserved for a big ready-cooked food larger, and a cantonic flags been shown for the needs of people working with the strengt ontorprise, the Baneaus attraction of the strengt ontorprise, the Baneaus and port and the opician insti-

port and the opiorian instiluic.

The scopping controle majo
building (graundfaor, and
iwo alor a) includes a targe
and the first the selling (extile fabrics, household appliances, connectios.

Another part of the building covers food dapariments, and cilli anather one
is designed for private productor.

Mere than 200 shop-assistants are reedy to attend, to
the ouslowers wants. Estimates show thet 210-millionlat-world goods will be soft
hard. Savarat scores of theosand poepla visit the Aylaticl allending centre. every

PREFABS

WEATHER FORECAST



The building in Calarasi concrete prefets factory was of a large iron-and-afael works brought about a nearly expissive expansion of the law. Over the last 10 years, the number of the johabilacis has tripled. The need for housing called for urgent solutions. The iron price of Calarasi also manufactures large-diometra pipes required by the irrigalism works to the Romanian Price of the Romanian P

In Buchareot and ether paris of the country, Fobruary steried with abundent snowfalls. The Mcicoro-logical tustifute forecasts that in the first decade of the amonin the weether will be reletively warm.

Bolweon February 11—20, the weather will be cloudy, with precipitation, especially snow, in the south of the country. The imperature, dropping, will register low, hotween 13°C and 3°C below zera, lower in depressions, and highe between 6°C below zero and 1°C above zero. The last decade of the monits will be cold, locally that a state and the monits will be cold, locally warlable, with light snowfalls possible especially in the east. Minimum temperatures will range between 1°C and 1°C below zero, lower in the centre and north, and maximum temperatures between 1°C below zero and 6°C. shove zero.

shove zero.

The Ministry of Transport and Tolerommunication informs us that all rullways are operating; road traffic is temporarily difficult in north-castern counties; attraffic is going on occurding to achedute; navigation on the Banube is normal.



ROMANIAN NEWS

MINING BORERS

The first by draulte-driven dell was dovised a lightly reliable befor which donceived by Romanion scientist. Gogs cae be used not only in mices but also cae be used not only in mices but also in goological investigation works, contraction of Earls' published in London is 1961. Il country the specialists of the higher cluedion theil use in Bais has also be researchers of the non-fee started manufacturing hydraulic dritters.

rous micerals seniral in that town, have for heavy mining mills.

• ROMANIAN

* ROMANIAN

The nearly explosive davelog-nical of Microuree Clue muni-cipotily has called for an urban restructuring action. Two in-dustriat areas have acquired contour in the worlern and eas-

dustriat areas have acquired contour in the worlern and castern parts of the town and ocveral large residential district have been raised.

The town's cew civic contro (hoad of desigo: architect Derin Gheorghe) concentrates around a wast interior square the most representative accidential conditivation and the political administrative acai, the irede uncloss' house of cutture, a hole, coveral shops cod blocks of flats. Through the combination of architectural olemois, a remorkable functionality as well as humonization as the buildings have been achieved. The background buildings akirling the aquare generally have eight to the stories and abope on thoir groundfloor.

The medern ediffees beast an improceable finishing and functionality. The endeavours to pravide each building with a ladividualising plastic cleaned or visible. In fact, the overall

concepileo is consonnuf with the significant elements of the local archilectural tradition. Given the harsh olimate, a icoal archilociural fradilion. Given the harb olimate, a geomeiry providing the best inarmal insufelion has bose choach. The volumes ere expoposed to the wind os illilo as possible. The openings in the masonry are small end subdivided in order to prevent heniotas. The reofs are framed and pointed, in order ta direct the water and the enew downwards. Also, the was dend volracio rock having beec beste building matericis, can new be mel to the pioy of decerations, fully teeding encolont treditions. Said Dan Strailla, mamber of the municipality planning commission to "These ere fuet of the alements illustrating our endervours to explaite on the croe's tradition in the modern architecture. A certain kind of apace can laspire one with a certain kind of behaviaur. If you alop here, in our lown, you feel the space and the people and year leaf seems to be full and all fellaw beings close".

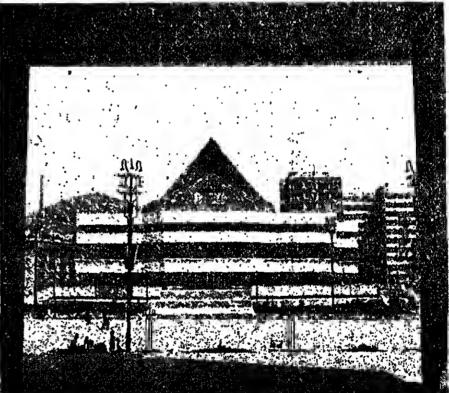
Mircea (Clobean E

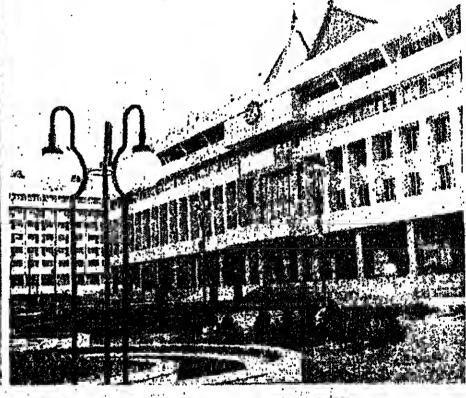
THE CITY'S GREEN BELT

The original development skelches have been reliaught and a massive housing construction on the veriliral bas begun in Olopent, Suagov, Bragodiru, Corneiu and other communes arouad flucharest. Two-three — and four-atoried blocks are being precied in the civic centree of these localities, with shape and service units on the grounditaor. This rationally reduces builtup areas and augments the Capital's green boil.

Last year, nearly 10,000 flats were in a forword alage of completion in 10 communes. In-

poriont public works were earried and in parallel i dricking wefor and deweroge networks, heeting and folephone networks, access reade ale, which round off the urban-type comfort of the dwellings in these villages. Some af the areas formarly occupied by comfortiess, inaesthello end chabby banses have already started. Bucharest's grown bett will graw in a first slags by 74 ha of highly ferilla archie land being used for agricultura and yielded the first thervests.







CLEAN AS WATER AND AIR

In Romanie there is a con-tant concern for protection and improving the quality of the environment, organized and stant concern and improving the environment, supported by the state. The national programme of torritorial planning envisages, among its especial phictives, the physical and perchic come
fort of the people, it proof at this are the besuited ut anticile encombles, the passive and green spaces the material photistication of recess shrinks and flowers in each locality. Bett in the modent syllization, here is a risk that other disturbing ragtom might appear in accuracy to might appear in accuracy life with the system of supervising the quality at all appear
where the main factors of any prodent phases of information at the phases of superder phases of information at the phases of superlike Gental Santian local at

"The drinking water supplied to the population to periodical in the manerally controlled by laboramanently controlled by laboratory tests. For example, in Bucharcel municipality the guality of the water feel into an idlatificated to the network is controlled by 165 points, enaming that it beared have all the proporties described by 165 points, enaminary that it beared have all the proporties points. I want to birds that his water resolute that his water feel in point to the standard to the sample of the sam

the whole man of the country territory, ensure a safe projection for the population. It is not early drinking water that is permanentally permanentally but also ealy dinking water, that is permanently controlled, but also bathing water, irrigation water, good, foll succioe end, at course, and Thus, in collaboration with the National Council for Water Resources, a permanent thanker of the mailir of the powers the powers that the powers that it is a supervision of the air, the dinistry of Health he neithe by a supervision network with his control of the air, the dinistry of Health he neithe by a supervision network with his control of the country. In the Capital there are 15 stations of control by a supervision and so other. 28 stations of control by attractional profiliation. Inches withing from the human shirtles withing from the human shirtles withing from the human shirtles within the air that human shirtles within the air that human shirtles within the life the profile industrial the same believed the control of the second shirtless that he had been believed the same and the same shirtless that the same shirtless industrial that the same shirtless is the same shirtless that

THE NATIONAL POET

Traditionolly commemoroled on January 15, the hirth-day of our national poet was marked this year by the reopening of the museom orranged in his parents' house of Ipolesti, recontly reaevated.

of Ipoleyil, recontly reasonated.

A moment of synthesis in the bistory of Romanian culture and spiritually, Mihal Eminescu (1950—1939) marked a decisive beginning, his work — as his great contemporary, or ito Titu Malorescu officede — being "a siarling point for all the aubsequent development of the olothing of Romeolae Ibinking". A pessionale, celliary and medlintive temperation, passing from cupheric to melanchely states, Eminescu had a tragic existionec. A visionery remocite spirit, imagining enamogocies of First Epistle), nitracted by the miroge of Iravei in time, in ecerch of myibologies and bygone civilizations (Mamento mori, Odin and the Poet), or wendering inheading intersidereal space (The Tots of the Magus Travelling among the Stars), he is the oreater of a democie



bero, n scepilo commentator of individual history and existence, lovested with the attributes of Titalio revolb (Angel and Demon; Emperor and Projection). Prodominacily scloale and Urasian, his lyrio poolry, displaying a moving musicality and hermony, hieods in a folicity for spiril the cell of love with that of paradision and luro (Calin, Fragments from a Tale; Eve on the Hilly: A poet of the bumen condition and patriolis clone (Third Epistle), he equelly cultivated meditative posimistic poetry (The Choss; A Dacian's Prayer) opposing the locely eternal genius to ophemasi humanity (Hyparico), it only of the chose of the poetry (Poor Dionis; Lonely Genius), lyricolly stylized lofk folty intee (Prince Cherming the Tear-Bon). He is also the satior of the passage of the chose transitions and collections of folklore.

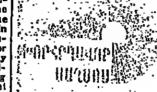
NEW THEATRE

USA. R.R. Bowker
Company has recently released the eyclopaedie work Anato-my of Wonder. A Critical Guide to Science Fiction by for Heliene. The chap-tor davoted to Roma-blan solonoa floiloo, sign-od by Ioo Hohana, com-prisos e historical skeleh. of the genro in this couo-ilry as well as accesses of significant works of ficilon ond orlicion. THE PERSON NAMED IN COLUMN

ANGHEZI

IN ARMENIAN

Translations from Romocian literature lote
Armeolon hegae as
early as last occury and
their oumbar is comparatively large and significant





PREMIERE

An incomiosiable fact of presentiday Romanian receitly le the siendy occurrence of cultured events throughout the caunity. In the north of Romonia, for inciance, at Roleymi, there are asvered notisile establishments, namong which a stafe theatre where during good access playspers ore offered numerous performances of Romanian and foreign works from the classical as well as contemporary repertoire. The total premiers of this appreciated theatrical sompany is Mobila st churere (Furnilare and Pain), che of the pieces and Pain), one of the piecos of resistance of the tate playwright Toodsr Mosiiu. The show was singed by Engen Tr. Borduşanıı.



ROMANIAN ARTISTS AT THE BELGRADE **OPERA**

YUGOSLAVIA: The Beigrade Operer presented. the werld premiere of the hallet A Midemanner Night's Dream, the orealism of oherestrapher Mihaels Ajahashu, who is olse the author of the libratic made after the famous Shakespearean text and of the relection of musical fragments that tay at the basis of the collage breated by eng. Lucian lopased as copper of the stage action. It is the seand imperiant collaboration of the Rommings actist with the Yugoslav troups — effer the show Pass Gynt with which the Beigrade Opers won four youts age all prises from shoreography to best supporting role) at the International Ballet Resilval Landblands.

ROMANIAN NEWS . ROMANIAN

百姓 医红斑的 电压



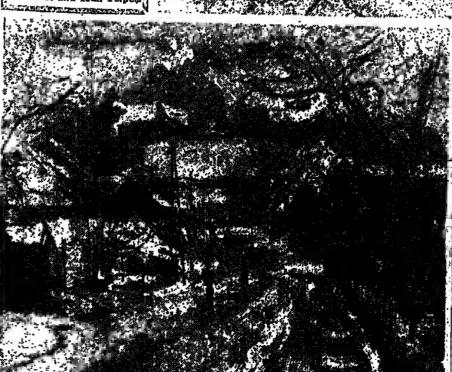
A new Romaoian film has hit the screens Unde esil, copilarie? (Where ore you, childheed?) praduced by Film Studio No. 5. Film director Elisabeta Bosian and script writer Vesilica Isirais, alter 20 years, have set off to tree the doctinies of the heroes in a ceriol, Nâlcă, peopie with well defined ploces. The searches and re-encounter with the two former film maies ore the dromotic preject for revoluting the four short-reels of the serial. The photography is olgned by Ion Marinescu, the sels by Dumiira Georgeson, costumes by Andreea Hasnos, ediling by Cristina Ionescu and musical orrengements by Heena Pepovici. The moin characters ore interperted by Alexundre Footweie (the neighbour) and Heydan Uniaru (Nâlcâi, II is a moving llim, Iuli of chara and Ireskness, drawing on the Irali and compiex universe of childhoul. Thus, the leature offers o re-encounier with memurahlu charactures of the film for the film for the second of th

 $\int_{\mathbb{R}^{n}} \frac{1}{n} \frac{1}{n} \frac{2^{n} \sum_{i=1}^{n} \frac{1}{n} \sum_{i=1}^{n} \frac{1}{n}}{n} \frac{1}{n} \frac{1}{n} \frac{1}{n}}{n} \frac{1}{n} \frac{1}{n}$

ounter with memurable charac-lers of the film for the young spre-



nai Colloquium on Euro-pean Contemporary His-lory hald in the cepital of Aisace over 24—63 May 1984 by resourchors from 19 countries. Now 12 ibeir colleaguas from Eu-lbeir colleaguas from Eu-rope end North America, are Viorlea Molsuc, Eliza Campus, Nicoleo Folino, Ion Celafeleanu, Crisilao Popisicenu, Dan Horindel and Ioan Telpez.



A DETECTIVE OPERA

Thoro ere detective novels, illus ond plays. Bul cen there he detective operes tee? Romenian composer Liana Alexandro has hod the courage to give en nfilmative answer le this quecilon, and to write such an opero which bes recently been prosented to helf-clago, half-coocort form at the great studio of the Romanian liadiotolevicieo. But whe is Liana Alexandra? Born in Bucharest le 1847, a grodusic of the Ciprica Porumbescu Cooservatory in the Romanian capital, where she curronly serves as assistant professor of crebestration and musicol anniysis, a prize-winner of such international composers' competitions as Carl Maria von Weber in Dresdon (GDR) end Goudeamus et Blitheven (Nethorlands), Liaca Alexandra has oscericd herself as an extremely prolific composer whose work includes operes, halles; symphonics, cantains, coccertanto picces and numerous chamber picces for various types of lastruocental and vecal groups, all evinoing an original style, based on the trecolligurolion of Romaniac folk meios. For her new work, the delective opera in labirini/in the Lebyrloth, Liana Alexandro used my a husis for her librelle like nevel Trucaj/Trick by cootemperory writer Goorge Arion, in it, journatist/detective Androi Miladio on on imogisary Bindwacd Island, becomes the violim of a farce when he is folormed that he bas lost his heat friend. Staring le leek for him, Middin is actized by a clate of butlucted and enters o lebyrinih in which most of the celion lakes place, including the main here's quest for n feminino ideal. Evonineity, on getting cut of the inbyrieth, he fields list Irlend. Thore ere detective novels, Illus and plays, Bul con

hts Irlend.

Selling out from this libreito, Liono Alexandra has written o highly oecessible music which is nevertheless highly madern, clovated, a music thet harmonizes with the aimosphore of the opern, now tenso, now relaxed, full of zeel. In order to help the cudience Iotlow the dialogues and unspecifing of the action in detail, the Rodiolelevision has reverted to the wellknown thontrieal director Calalina Bazolenn who conceived the illustration of the main moments of the opera through the appearance of actors Papil Penduru, Victor Cociosu and Siellan Nistor, who performed cround the orchesira, ngainst a sober hut highly suggestive acting. The vocal side of the show proper was entructed to a group of aingers comprised of lemor Vladimir Deveselu, bassi Canatonian Gahor and Paut Bosacepol, soprono Georgria Sioteriu and mezzo-soprano Ruxondra Donose, alt endeavouring to brealine authentic life into their charocters. Conducting the orchesira was Ludovio Boel, who how long established bluxell as an uctive supporter and enthusiasile promoter of new Homanian music, parlicularly of operatic creations, many uf which have bren first her first her first her first her first performed under his butun.

THE FOLKLORE YEARBOOK

Sales to the Sales Sales Sales and Sales Sales

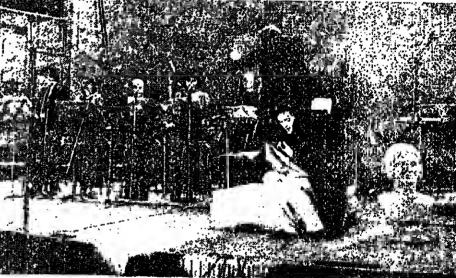
The Folklore Yearheok has reconly eppoared under the supervision of a collective of the technology end society end society do partment at the Social Sciences Centre of the University in Ciuj-Na-1 Doors.

University in Cluj-Na-poos.

In the 500 pages of the leave volume, the Cluj ce-searchers continue the activity of the Folklore Archives, founded in 1930 by lon Muslos, on the phasis of rich sources of informellon to chiding over 500,000 treasured de-coments; these archived over 300,000 freasured do-cumonts; lhese archived fruk among the lorgest of ibls kind in Europe thanks to the offerto of severnt generations of folktorists and ethogra-

folkierists and einogram phers.

By its comprehensive shides, some of them shides, some of them shides, some of them is monographs devoted to agricultural ouslones or Romonian spirituelity, the doing, some versified epicomosterpiccoe like in Miorita (The Ewo Lamb) and Toma Atimos hallods, in proverbs, vocal music and other genree, the now volume of the Folkier Ycorbook is u modern einhological synthesis, being a working instrument for researchers, prodressors and simienty.



FEELING LANDSCAPE

Now of his second ocomen show to Buoherest (this time hosted by the Muelelpality Art Gullertee), young peinter Viorci Nimigesou who has also been represented in various group exhibitions of homo and shrothing the self-assured vigour. Coming from a region preserving the projound morks of unmistakable autheoticity—Bistita-Näsäud of forthern Remanin—and solioilyby sesimilating the essences of tradition, Nimicionices of traditioe, Nintegrano is o creator with a distinct personality professionally, if sousilively, magicing the art he herved with addication. To him, palating to a wondoriand where there are mysicion still to be unravelled, where failing and drams can live freely and drams can live freely and where the vapenty face of poetry can still be captured on carvag — in a poun called dance, in a poun called dance, in a rock called amile. He portraite beauty lies in purity and fentioner, his still-lives with the integral of the drawing, while it is landscaped — the contemporary of the drawing, while it is landscaped — the contemporary of the drawing, while it is a tree of the contemporary live.

ROMANIAN CULTURE ABROAD

THE GDR. The Borile "Der Klodorhuchver-lag" has published the novel Vacanta (Ferico) hy Costsohe Anion in a heauliful layout. The Osrmon versice helongs to the well known translator from Bomanian, Holda Schiller.

THE USSR. In e comprehensive History of the Theatre Ahroad", hrought out in foor parts (by the Prosveshchenie Pohlishios Wilholl Zamifreeou, Aurei Hogo, Mihail Sehistion, Violer Ice Pspa, Goorgo Wilholl Zamifreeou, Aurei Hogoumo in devoted to "The Theatre in the Baranga, Horia Lovicostopumo in devoted to "The Theatre in the Baranga, Horia Lovicostopumo in devoted to "The Theatre in the Baranga, Horia Lovicostopumo in devoted to "Least Neeman Courtes and the person, Ecaterina Oppoint (1940—1985). A largo the scene ari throughout the scene ari throughout the scene are throughout throughout the scene are throughout throughout the scene are throughout throughout throughout the scene are throughout throughout throughout the scene are throughout througho country. The duther is a country. The duther is country. The duther is a country. The duther is an expert le this domain. The first section presents is a contition of the Evolutions of the Evolution and the Evolution of the

ROMANIAN

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ROMANIAN

in the viciuity of Independenta locality, Tutoea county, archaeologists Al. Successonu and M. Zaharide discovered as acleot ofty whose existence seems to be exicuted in time from the 6th ecolury BC to the 7th century AD.

7th century AD,
It is supposed that the le the

BEES — A CHANCE FOR HEALTH

Undoubtedly, Apilarnil has a well-conso- | their honeycomb cells. Apilarnil contains lidated prestige in Romania. It is a natural apical product, active from the biological point of view obtained from drone larvae tes, androgenous-type hormons, natural and from the nutritive substance found in salts, vitomins (A, B, B2, PP) amino acids.

Influencing the state of mirition and determining weight gein. At the psychlotric clinic of lite Institute of Medicine and Phormocy in Ciuj-Napeca II was found out that Aptianni — as o toole and psycholenic product— is useful in the thorapy of neuroses deformining a reduction of the treatment period and of specific medication doses. At the same time, after researches and tests officied to the podiction of the Institute of Medicine and Phormacy in Tirgu Murcy Apilarni's favourable officed to treeting dystrophies of bobles and young children as welt as in recovering deleye in the child's neuromotory devolopment was discovered.

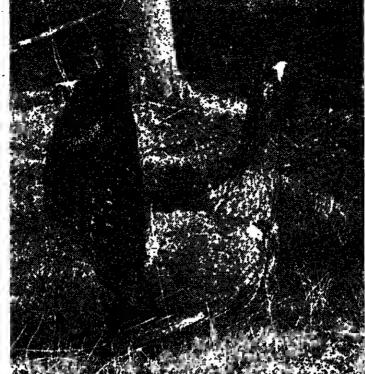
Antileculi is edutoistered upon medical recommendation ond The method of oblining Apt-lornit was wocked out by Nice-loc Hiesu sod patented as an invention of OSIM (State Office for Inventions and Marks) with for Inventions and Marks) with the number 7:872/1980. Numerous international acknowledgements were obtained for it United States Potent No. 4105802/1983. Europeas Patent No. 2079002/1981. Through the PCT procedure, Rominvent field applications for registration in Switzerland, West Germany, Austrie, the Seviet Ucton cod France.

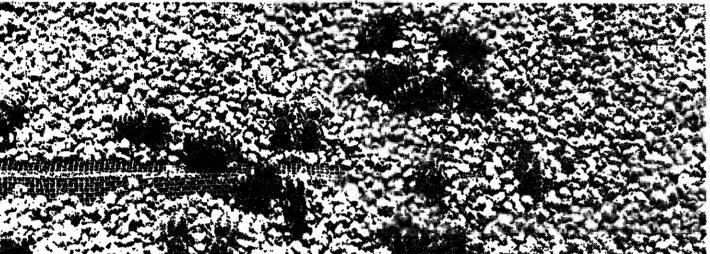
it was thuo established that Aplianti and Apliantiprop—as general energetimulators and biological activolers—are indicated in general physical debility, asibenias, sistes of

among others : proteins, lipids, carbohydra-

noi digestion disordere; Nicolinestop, pills fighting nicetinism, based so Apilareli and
modiainat horbs.

Siarling from the general
blockimulation and itssue regeneraling role played by Apilarnil, the cosmotion ledustry has
worked out severat interesting
producte. We are referring ta
libe Acanta line of products
(producer: Miral enterprise of
Bucharest) including neurishing
day and night creame and numusions for ully end dry skin, as
well as Apilornil-hased shampeos, strongthening the hair
rool. Also, Nivon enforprice of
Braşov has started monufacturing the wew teeth pact
Apidenta containing Apiternit
and prepotts hoving distarceting
and healing effects.







has no toxis or where a step effects. Mention should be also made that Aplianil is efficient for healthy people in periods of intellectual and physical ever

of intellectual and physical over work:

Laioly, new Apliarnii-based products have been chalcod; seme beye been homelogated, others are in the leeting stage, others in specific nutritive action of hocey through synergion with tyophilized Apliered; Apivites forte is a hepsie-protective blestimulating feed hased on Apliarnii and honey; Hipoiens, turned out by Planta-vored. Enterprise in Plaira Neasti; contains Apliarnii and specific plant; extracts, being meant to fight high blood pressures.

means to right mgn stood pres-aure.
Currently in the testing stage are also Apilarnilpotent, almed at: fishing against dynamiam disorders in ment to be produc-ed by Biofarm enterprise of Bucharon. Plinglax, a prope-ration designed to front joint-

peratory states, osleoporosis, delayed puberty, sexual asthe-nias; in supporting the sports-men's efforts and in states ne-eding general toule and trophic

eding general tonic and trophic substaces.

Also, the two medicines—thanks to the active principles of propolis—are recommended in elemedico, glogivites, chronic margical paradentopathtes, acting ac actisoptic, decompositant, milmiaroblam; anesthetic and bealar drugs; The protongale content with the buccal and phacyngoal miscous membrane as well as the alow contents absorption observe—threugh a protective coaling—favouroble ned general effects to ulgers; gastelites, collings—and anterescollings.

In the medical clinic as Fundant Hospital it was determined that Apliantingop is useful in obranic affections of the liver (hepalitis and in hypothesis and in hypothesis and drophes; the product favourably—drophes; the product favourably—

THE DIANA OF THE HEIGHTS

A great lover of peace and quiet, the chamets has stwaye avoided eoy contact with man. Today we can still catch a glimpee of il only by chaces on the heights of notured reserves where it is protected by the law.

law. There were limes when the chamois (Ruplespre Ruplespra) lived in all in and beach forests from Central Europe in the Coucasus.

Due to their geographical iso-iation savoral cohspecies were separated from each either ispa-eithe to the Pyrecess, the Alps, the Aponulues, the Car-palhians, the Causasus, etc.). It is sociante, that is it lives in groups. Only big and eirong he-gento live a solliary life, after reproduction, like real foundat lords.

Small groups are clways led by a she-goal which is older and mere experienced. Such a group always contains saveral she-goats with their off-springs and at least one he-goat. Either she-goats with their off-springs and at least one he-goat. Either resting or grazing, the chamola surround their groups with individuals (usually he-goats) to oversee the surroundings. In case an enemy sets too close (tyoxos, welves, bears, even men), the first guard which hat spotted it warns the group about the direction from which libe danger, may come. The animats ofart running for the opposite direction. They are very agite, confidently, relying on their rise. A mature chamols or a kid can lake 12-10-m-high jumps I in a malice of seconds the whole group is cot of sight. Large groups of chamols now live lish in the mountains of New Zooland, where the laise cless has been chomized. According to estimations the number of chamols amounts to 500,000, however, from the beforest and synegetts point of view the individuous can bardly cofficient interpretative with fines living to the careathian ones. The last of Careathian ones. The last of

netures enemies has failed to produce a eclaction of more vi-gorous animals. It is equipora hemisphera Rupleapra Ruplea-pra has become smaller in elze end less egile. In Romenia litere era coturat

In Romenia litere era coturat resorvez for chomets in the Relozal, Făgăraş, Bucegl, Platra
Craluiul, Cezhlău enul Radnet
Mountaios. Tha avcrega numhec of individuals le related to
lergo grazing areas, Ecotogicel
and aeliological noeds ara thus
ensured for the proservation of
this beautiful and valuable relathic beautiful end valuable aci-

VERONICA CHERCIU



FOR THE BLACK **GROUSE**

In the Blstrifa arco, le the mountain gap be-incon the Prision and the Clungel-Ralayen; peaks, a the Chungel-Rildyon peaks, a reserve has heen created far hlack grouses (Lyrurus le-lrk), a species which has been declared a netural monument. Here, in he noeth af the cauntry, efforts are made to eave rare specimees and to mulliply them. Hunting, felling and grazing them heen prohibited hroughout the area, and mea mires to limit produters have teen laken.

Sinch grouses the today to

icen laken.

Sinch grouers live todey to lerge numbers in the USSR and Scandinavia, in woods tocated in the plain, in gwamps and to praibug. How did they get to the high pastures to Maramures 7 Until the end of last century, they used to populate the decidents forests in the Eastern Cartallions and the Appennial Mountains toc. They were seminerous that one could see them fighting even en the features of houses on the outsiris. liem fighting even on the fearacs of houses on the outskirls
of villagae. As a result of forest clearing end hunting, they
coirented to the menoisin gaps,
barticularly hose in the RadnaMenniaine. At present there are
in Romanic two reserves protooting black grouses, trying to
eeve from extinction these extremely interesting birds, relicaof the Glecial Poriod.

mysicrious Halmyriz, localel by Itinerarium Antonini writiea during Roman emperor Caracalo's reign, 21 thousand sicos far from Saleovia. The 31 thausand eleps mean 13.5 km executy the distance from Mahmulla (Salsovia) to Independenta (Halmyris).

The name of Halmyrie is also noted in the document of Dura Europes a shield on which na archer moted the class of his travet ground the Black Sea.

I le koown ahout this myslu-rioge cily that it was at first o elep of the Romanian float on the Danuhe, thee a garrison for units of Legion I Italica and lo-sion XI Claudia. Devastated by migratary peoples it wer rebuilt until the 6th contary AD.

until the 6th contery AD.

"The diggloss effected near leadependents communa in Tulces occurry" declared Al. Euro-versus, aciantific resectabar at the Archaeology Institute of the Academy of Social end Political Sciences, "affored us the possibility to establish that a Raman costrum had been built, at the leading of the file of the stilleness of the following of the file of the stilleness of the political actions. Around the wills of the military fortress she is a divident self-mont where the subshit about lived together with the bon-querors. We even learned the name of two indigenous women married to Roman cilizens— valeria Nene and Elia Bends? The newly created community is a typicalty Roman one.

Among the numerous veilve instriptions found inside and outside the foreign, five moniton the sellore village (Vicus poissorum). The divinity for which the cliers were built— upiler. Optimuo Maximus— as the projector of the Roman sine and any decommon evel of the line in the client of the found and the common of the client of the foundation of the following the following the common of the common of the client of the common of the common of the client of the cl

Following the serious dama-caused by the migration of the Golha in mid-3rd century, he settlement, was reconstruct-d under emperor. Disciplinate rule, it was a forcess covering two hecitres, furrounded by a

GII. NUCUIESTEANU 🖪

The adjoining phates are meant to suggest by a few details the odig nat the restocation work.

moges caused by the Goline and Huns, the Roman warld codured in Dobrogea in urbon forms of gned quality. The hintue invoked by ceriain revearchers is itiogiaal. Who enuid have rebuilt or built the farirosees, thu
episcopat offices and churchos
if the Dago-Homan population
had disappeared in the 3rd or
ith century? Even Christically
is a reflection at the Raman
origin of the paputation living
in Dabrogea, itte proof of
o doubtless cultural continuity.
Recoura like great Homyts tack
place in the 6th century A.D.,
under emperare Anasiasius an
Justinian, when one of the 13
episcopal centras in Dubragea
luncilaned here,
At the hegioning of the 7th

THE MYSTERIES

3-m-thick ctoos well, strengthened by 15 defence towers.
Interesting — even peculiar— was the gate to the part. A monumental 5-m-wide gale, flenked by two semicircular towers, whose pavoment bears of traces of cart wheele. Our auclusian is that the gele was

used only he pedesirians. On the

used only he pedesirians. On the opposite side, to the west, there was onether gote, for real transpariation.

Philostordius eays that the forless was derivoyed of the cond of the third quarter of the 4th century A.D. Our diggings, yet to be acompleted, have assigned the control of the destruction. Covered by a drainm of ash tay a superb Roman thermae with rad plaster. From the noo the city of Halmyris disappeared from any willon

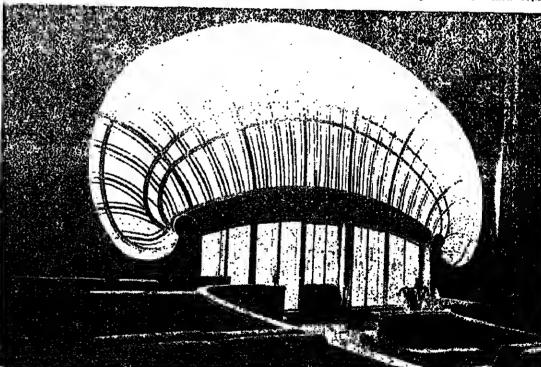
sappeored from any willon lex!. And yet, archaeologists proved that to splid of the da-

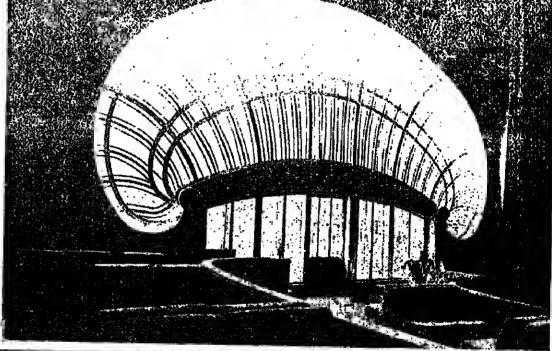
AN ANCENT CITY

At the hegioning of the 7th century the urban tile of Halmyris laded uway. About to crystolize as a flomunian population the later to withdraw in the corrounding rural settlements, ourlog to uninvourable circumstances.

The hullding of the Cosinu in Canalanta, while, nestalgie outland pninco in a fairyloic, and sumptions, rises nbove lliusory world. gigavitic rocks against which the sea's foamy waves keep breaking. It stands there,

The Constanta Choing wor hulti of the beginning of the





-San Carrier

seniative of the Art Nouveau, that highly ornamented style which came inic fashion at the turn of the century.

The exerbilant luxury of its

The exorbilant luxury of its interiors and the tremendous stakes but by the gamblerg also sorrounded inc Constanta Casine with a different, legand-like balo.

After 1945, the building only hough a treatment a little for all all partials, but all no all all partials.

late visiting the Binok Sea coast. For even the man of the Jate 20th century, with his the late 20th century, with his sporting spirit, is delighted by a remacke walk along the asertons, above the restless seal in the twilight Last year, the old ediffee underwent an extensive facelift. It was a complete restoration which included the supporting pilars, the decuration, and the rooms which were restored to their original shape, after han ying been out in managerate. ving been put in inadequate



ELECTRONUM YOUR SAFEST BUSINESS PARTNER

Marketing Romanian electronic products and sarvices as well as economic cooperation in the field of the electronic industry are carried aut by the ELECTRONUM foreign trade enterprise.

ICE ELECTRONUM'S export programme includes the following lines of products:

Telecommunication apparatuses and equipment, servicing included, starting from design up to training and maintenance. From this line of products mention should be made of: telephones, urban, interurban, international and institutional automated telephone exchanges. Exports of such products to Greece, the USSR, Czechoslovakia and the GDR have become a traditional practice.

- Measuring and control apparatuses, of which ampermetres, voltmetres, wattmetres, electric metres, flow-metres, steam-flow metres, logometres are delivered to Poland, Syria, Iraq, Pakistan, Sudan, the GDR and Czechoslovakio.

- Automation elements, equipment and installations for all the economic and social sectors.

We shall enumerate some subgroups of products: field and ponel automation equipment, distribution and control electrical equipment, automated equipment and systems controlling fechnological processes in all economic branches, transmission and data processing oquip-

ment, teletransmission and data processing equipment, machine tools, control equipment, automated testing equipment.

Also an offer are personal installations and equipment as well as turn-key deliveries. Increasing are the deliveries to cauntries such as the USSR, Egypt, the GDR, Czechoslovakia, Iran, Iraq, Bulgaria.

- Camputer technology equipment such as a medium-capacity camputers, minicamputers, minicamputers, microcomputers, personal computers, graphical systems, involcing and bookkeeping machines, peripheral equipment. These products are exported to People's China, Czechoslovakia, the USSR, the GDR, Switzerland, Austria, West Germany, the USA.

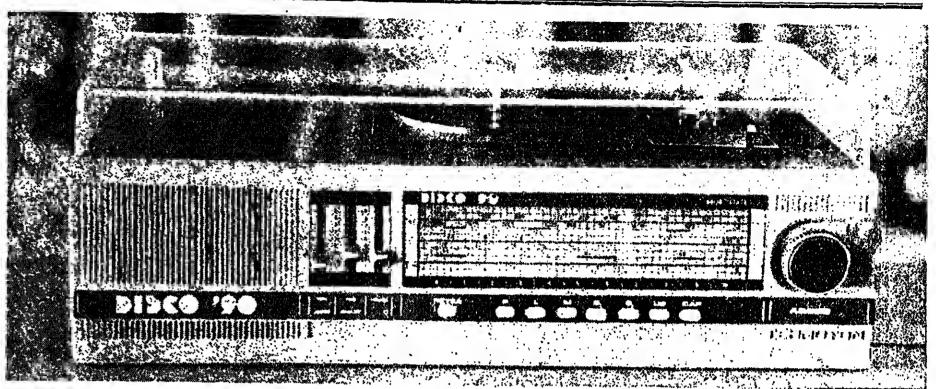
The electronic camponents caver a wide range of diodes, transistors, integrated circuits, resistars, condensers, etc and are exported to Bulgaria, Czechoslavakia, the GDR, Poland, France, Italy, the United States etc.

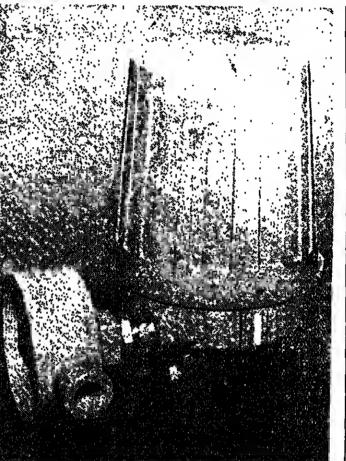
Consumer goods such as radio receivers, radio cassette recorders and tv sets. These products are exported to countries such as West Germany, Britain, the Netherlands, Czechoslovakia, the GDR, the United States.

Also taking place through ICE ELECTRONUM aret he export of licences and knowhow, the granting of technical assistance and software.









ports a series of aquipment, opportuses, electronic components and various moterials for the electronic industry and audio-video consumer goods.

An important partner in the export and import conducted by ICE ELECTRO-NUM is the Soviet Union.

ICE ELECTRONUM —
Bucharest collaborates with
the Soviet enterprises V/O
ELECTRONORGIEHNICA,
V/O STANKOIMPORT, V/O
MASHPRIBORINTORG, V/
O TECHMASHEXPORT,
ENERGOMASHEXPORT, V/

O TEHNOINTORG, V/O Supplied to the USSR are adjustable drives for machine tools, automatic telephone exchanges, computer technology, while that country exports to Romania electronic components, technological equip-

ment for the electronic industry, computer technology and audio-video consumer goods.

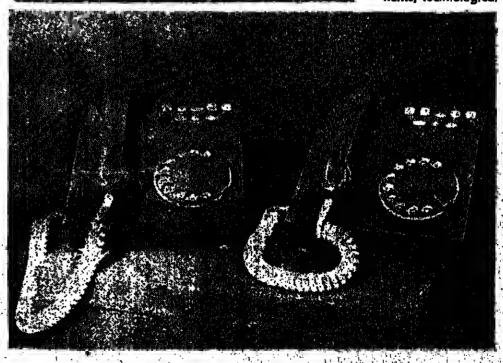
The collaboration with the Soviet lareign trade enterprises also accounts for the cooperation in production, that is Soviet electronic components are used in manufacturing electrical drives, computer technology equipment and automated tolephane exchanges to be delivered to the USSR. At the same time very important is the ob-

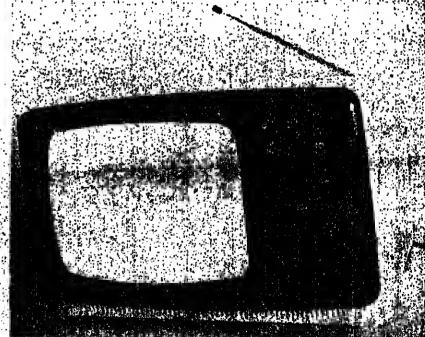
servance of all delivery datas, especially as concerns the electronic components which are vital to the rhythmical realization of the aquipment production plan.

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For further information please contact our specialists.





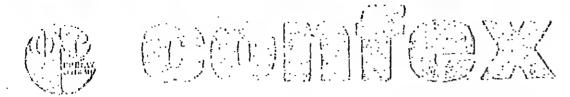


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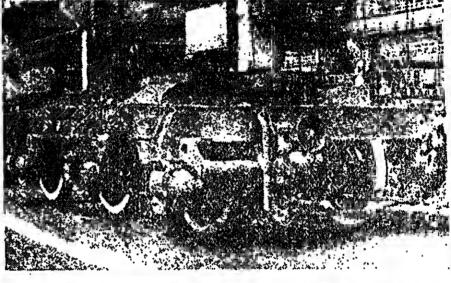
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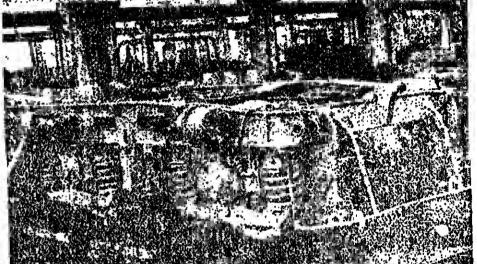
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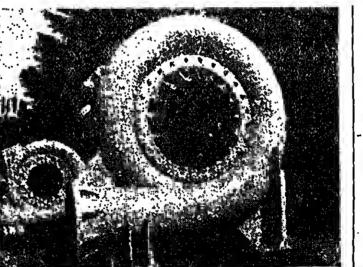
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KW EL

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